

Land Transportation in the Draft General Plan

Build a Balanced  *Multimodal* Transportation System

Draft General Plan Policy 7, Page 41

General Plan Goals



A sustainable island



An equitable place, with opportunities for all



A healthy and resilient people



A unique and beautiful place

General Plan Policies



Manage Growth to
Preserve Rural
Character



Recognize the
Identity of Kaua'i's
Individual Towns and
Districts



Design Healthy
and Complete
Neighborhoods



Make Strategic
Infrastructure
Investments



Reduce the
Cost of Living



Build a Balanced
Transportation
System



Protect Kaua'i's
Scenic Beauty



Uphold Kaua'i as
a Unique Visitor
Destination



Help Business
Thrive



Protect Our
Watersheds



Complete
Kaua'i's Shift to
Clean Energy



Prepare for
Climate Change



Protect Access
to Kaua'i's
Treasured Places



Nurture Our Keiki



Honor Our Kūpuna



Communicate
with Aloha



Source: The Garden Island

Historic Perspective



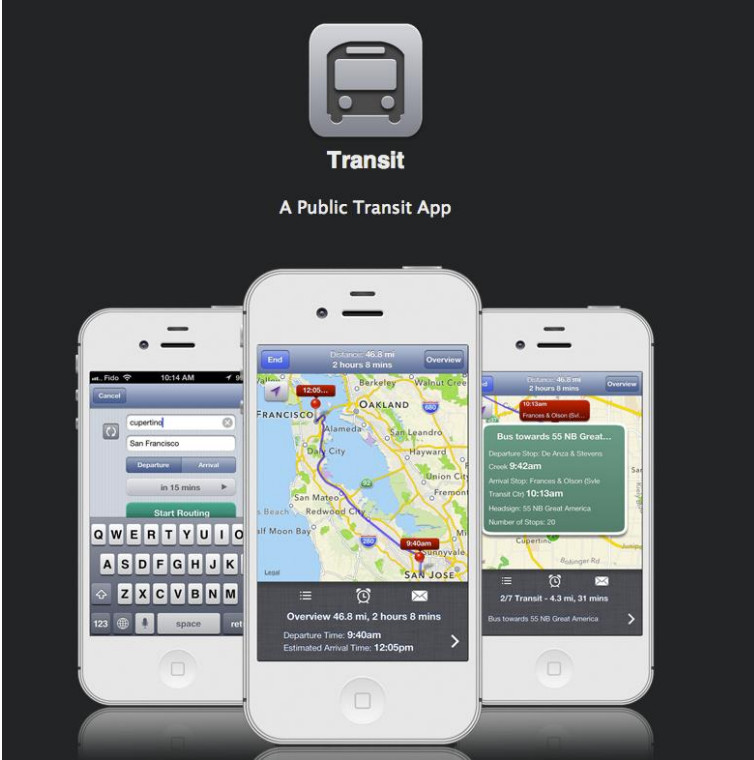
Kalaheo Bakery circa 1940
COURTESY OF KALAHEO ART STUDIO

“21st Century Transportation Planning Framework”

“Surface Transportation in the US is changing more rapidly today than at any time since the early 1900s. A range of technological innovations as well as economic and cultural trends are shifting travel behavior and demand in ways that will profoundly impact transportation policy on Kaua‘i...”

Source: Integrating State and County Transportation Policy, Charlier Associates, 2016

Transportation is about change.



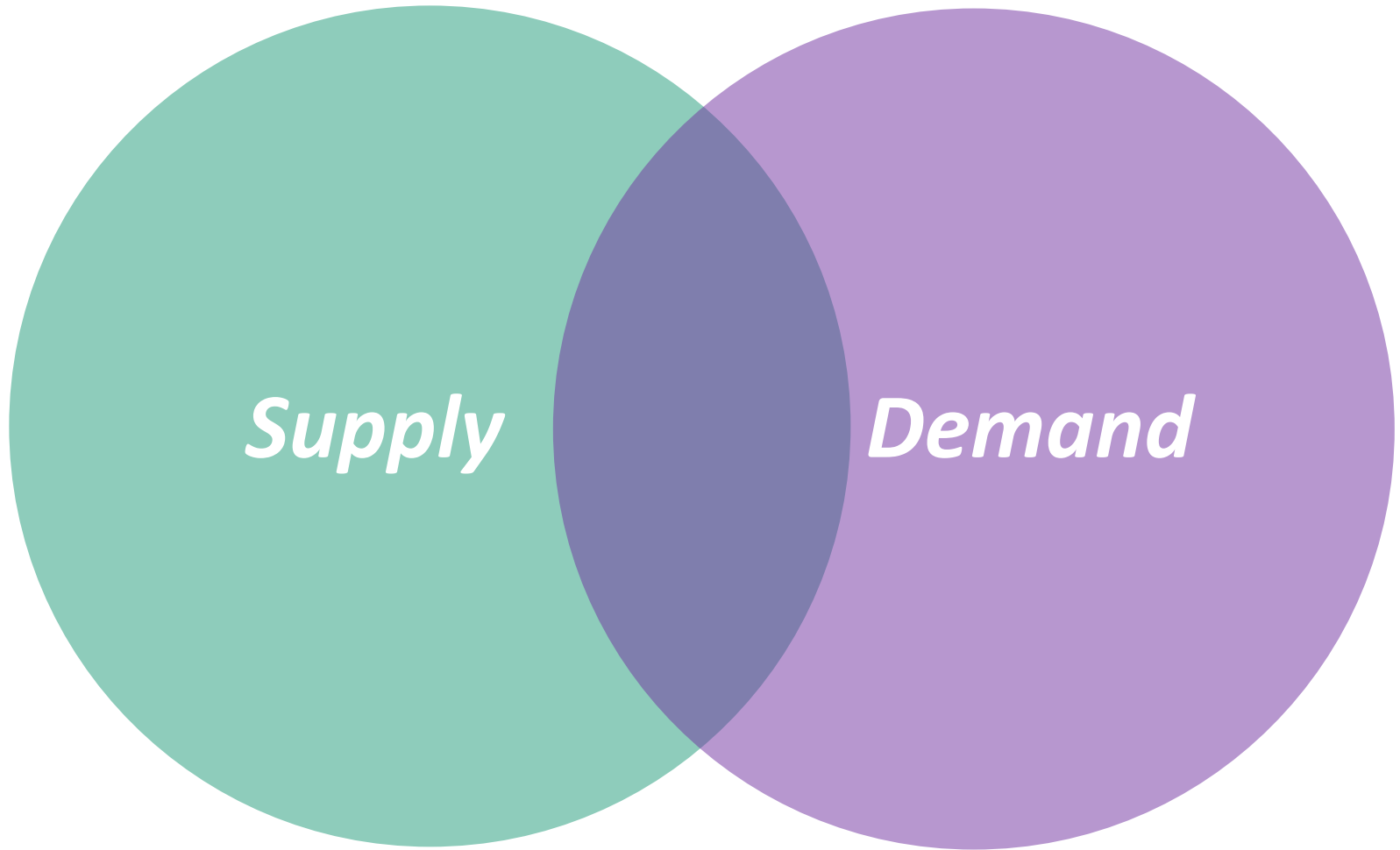
U B E R

What is the Solution?



Source: The Garden Island

What is the Solution?



Federal-Aid Highways 2035 Transportation Plan for the District of Kauai



Prepared for:
State of Hawaii
Department of Transportation
Highways Division



July 2014

“Based on current dollars,
implementing the recommended list
of long range solutions would cost
approximately **\$3.1 billion...**”

System preservation	\$315 M
Safety	\$595 M
Capacity	\$2.1 B
Congestion	\$ 57 M
Other	\$ 10 M

*Source: Federal Aid Highways, 2035 Transportation Plan for the District of
Kauai, July 2014*

“Based on historic distributions,
Kaua‘i District could expect to receive
approximately **\$630 million**... for
transportation projects between
FY11-FY35...”

*Source: Federal Aid Highways, 2035 Transportation Plan for the District of
Kauai, July 2014*

“It is known that available transportation resources over the planning horizon of the long-range plan will only cover approximately **20 percent** of the identified needs on Kaua‘i...”

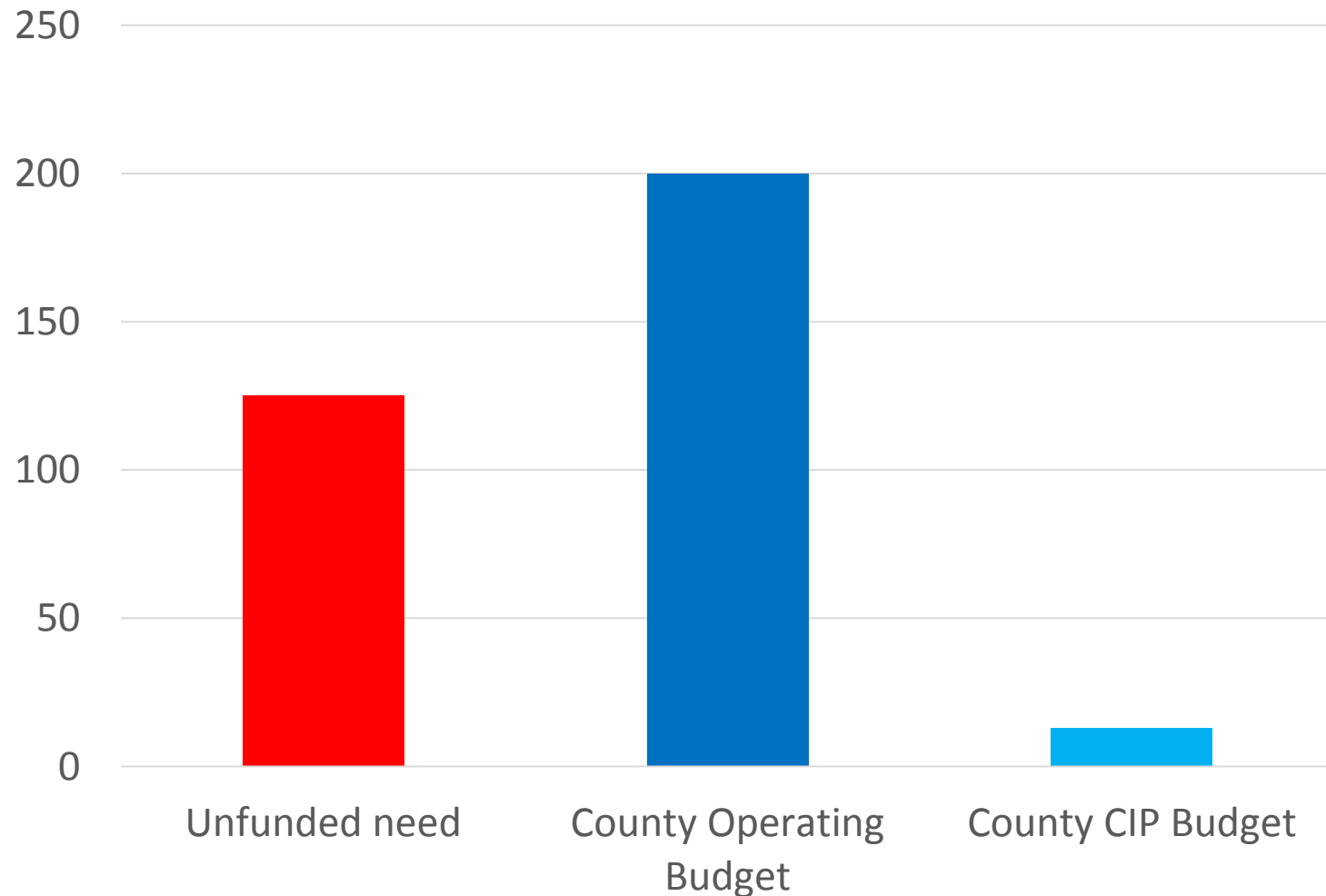
Source: Federal Aid Highways, 2035 Transportation Plan for the District of Kauai, July 2014

Total estimate:	\$3,100,000,000
Estimated funding:	\$630,000,000
Unfunded balance:	\$2,470,000,000

Estimated annual funding need

(\$2.5 billion ÷ 20 years):

\$125,000,000



HDOT Focus: System Preservation & Safety

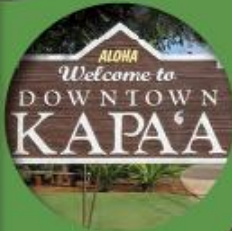
“We simply cannot build ourselves out of congestion. Therefore HDOT is focusing its resources toward making the system that we have work better. With the bulk of funding going towards safety and maintenance...we will not be able to afford projects that widen freeways and highways. Instead, HDOT will be looking at solutions that will bring...congestion relief at lower costs and with shorter lead times...”

Source: HDOT Frequently Asked Questions for HB2409/SB2938

Kapa'a Transportation Solutions



August 2015



The Draft General Plan supports completion of the Kapaʻa Transportation Solutions Priority Projects:

- Adding 1 southbound lane on Kūhiō Highway from Bypass to Wailua River
- Making the northern end of the Bypass two-lane and two-way
- Kūhiō Highway signal optimization and left turn restrictions
- Kūhiō Highway congestion management from Wailua River bridge to Kapule Highway

Source: Draft General Plan pg. 126

The Draft General Plan supports congestion management solutions for Kaumuali'i Highway between Kalāheo and Līhu'e

- Corridor management plans that focus on “least cost planning solutions” (lighter, quicker, cheaper).
- Smaller projects that can be implemented more quickly.

Source: Draft General Plan pg. 126

County Roads

- Repair and maintenance of existing roads is a higher priority than new roads.
- New roads should enhance connectivity and improve resilience.

Source: Draft General Plan pg. 126

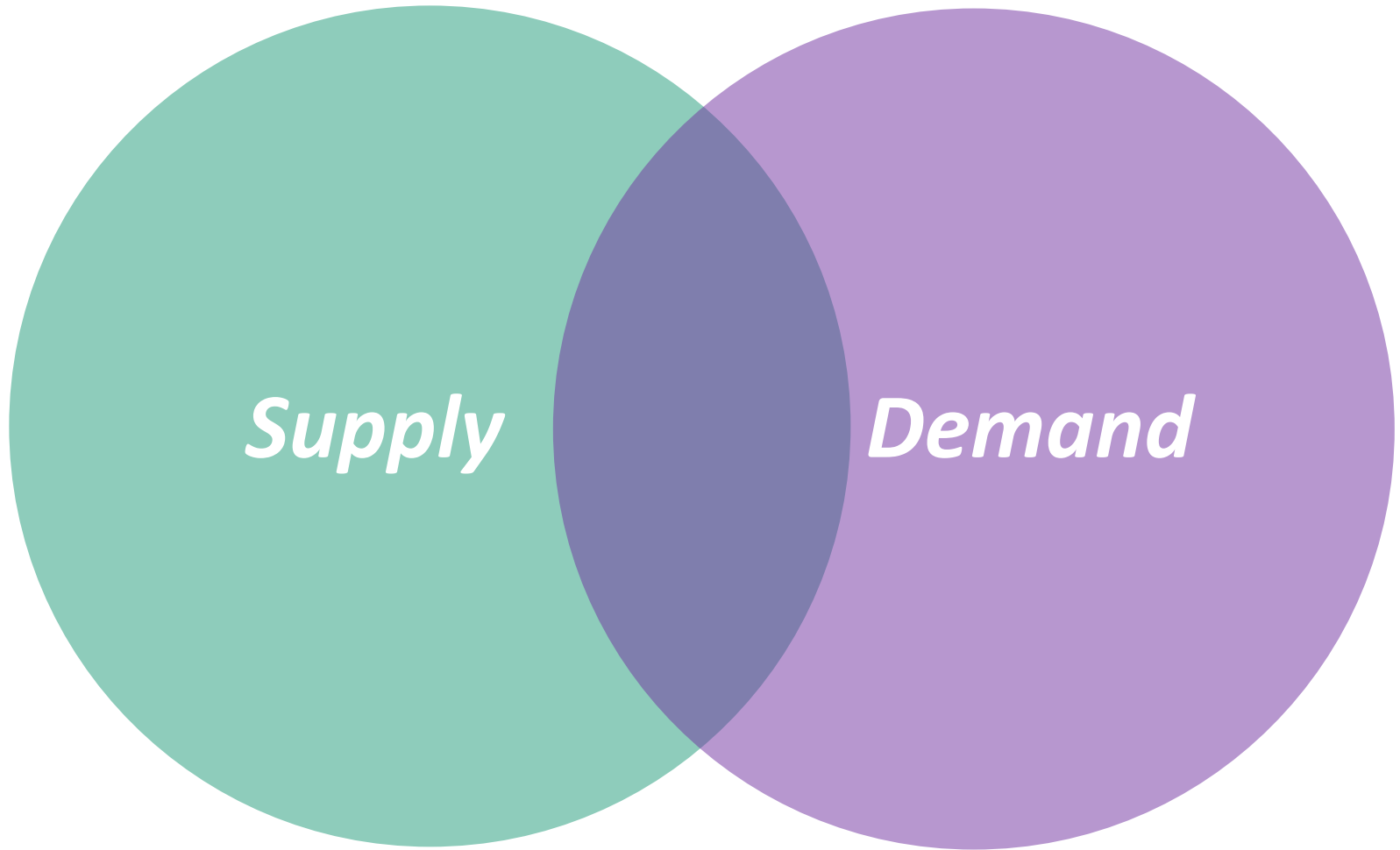


Performance-based project selection, scoping, and evaluation

- Safety
- System Preservation
- Economic Development/Community Access
- Congestion Management
- Environmental and Cultural Impacts

Source: Draft General Plan pg. 126

What is the Solution?



KAUA'I SHORT-RANGE TRANSIT PLAN

Final Report DRAFT



September 2017

A new model for visitor travel on Kauaʻi

- Affordable and convenient private shuttles from the airport to resort areas
- Frequent shuttles within resort areas
- Safe walking and biking within resort areas
- Shorter-term car rentals at resorts

Source: Draft General Plan pp. 128-129

A reliable transportation option for resort area employees

- Convenient connections between mainline bus and resort area shuttle routes
- Schedules synched with shift times

Source: Draft General Plan pp. 128-129

Kaua'i Shuttle Concepts

Peak Express Routes

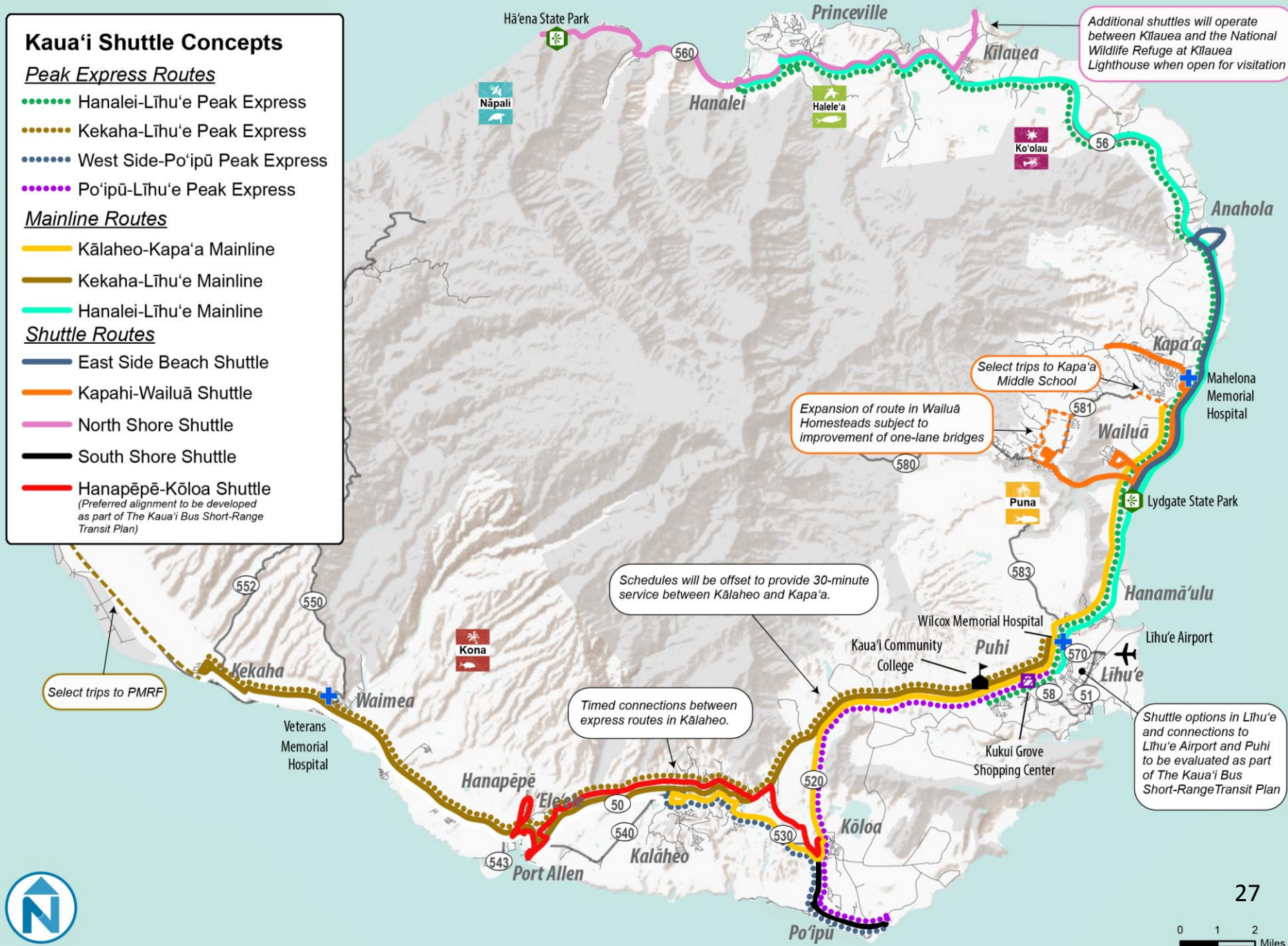
- Hanalei-Līhu'e Peak Express
- Kekaha-Līhu'e Peak Express
- West Side-Po'ipū Peak Express
- Po'ipū-Līhu'e Peak Express

Mainline Routes

- Kālaheo-Kapa'a Mainline
- Kekaha-Līhu'e Mainline
- Hanalei-Līhu'e Mainline

Shuttle Routes

- East Side Beach Shuttle
- Kapahi-Wailuā Shuttle
- North Shore Shuttle
- South Shore Shuttle
- Hanapēpē-Kōloa Shuttle
(Preferred alignment to be developed as part of The Kaua'i Bus Short-Range Transit Plan)



Apply savings from efficiencies in existing bus service to improve and expand service

- Changes to paratransit service
- Improved operations of fixed route service
- User friendly schedules and online information
- Extend weekend hours
- Increase weekday frequency

Source: Draft General Plan pg. 129

Identify long-term funding sources for transit

- Public/private partnerships

Source: Draft General Plan pg. 130



Safe Routes to School



Residential

Neighborhood Retail

Civic or Institutional Buildings

Parks and Open Spaces

- Locate housing and jobs near each other.
- Support vibrant town centers.
- Reduce potential for sprawl and related traffic impacts.

Parking Management



- Potential for parking districts in towns
- Parking and access to scenic and cultural resources
- Parking enforcement
- Relationship to other modes of transportation

Source: Draft General Plan pp. 133-134

Transportation and...

- Health
- Safety
- Resilience
- Economic Development
- Equity
- Community character



Transportation takeaways for the future

- Mobility as a service
- Seamless transitions between modes and jurisdictions
- Performance-based investment decisions and project evaluation
- The transportation network's role in enhancing vibrant, safe, and healthy communities

KAUA'IKĀKŌU

MAHALO!



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